

MS/MS Parameters of Pesticides

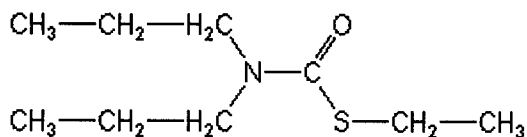
Analyte: EPTC

CAS No.: 759-94-4

Formula: C₉H₁₉NOS

Molecular mass (lowest isotopes): 189,12 amu

Structure:



Ionisation: ESI +

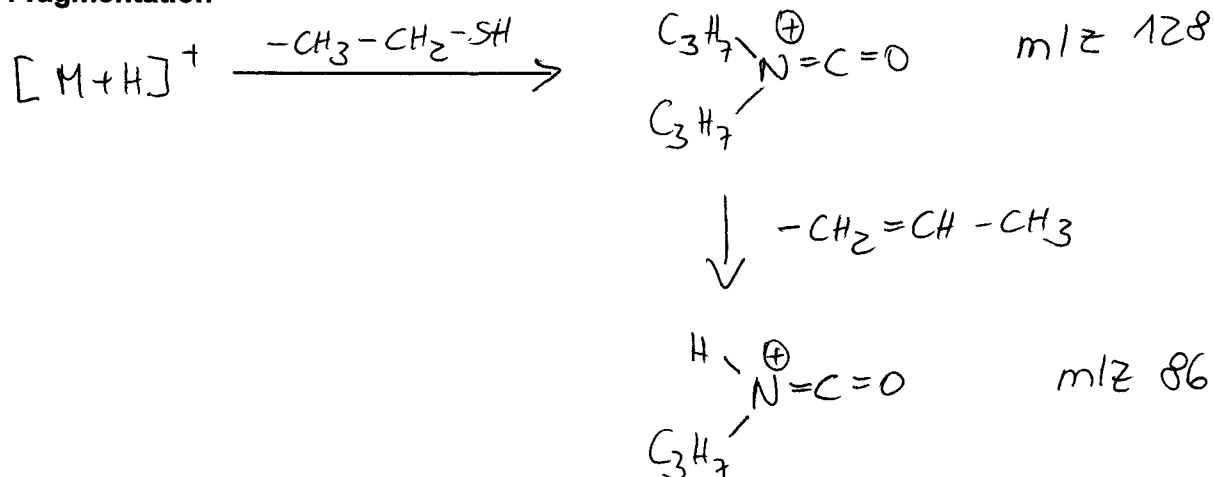
Quasimolecular ion: 190,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	190,1 → 128,1	190,1 → 86,1
Declustering potential (DP) ^{*)}	59V	59 V
Focusing potential (FP)	370 V	180 V
Entrance potential (EP)	10,5 V	10,5 V
Collision cell entrance potential (CEP)	12 V	12 V
Collision energy (CE)	15 V	19 V
Collision cell exit potential (CXP)	6 V	4 V

^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation

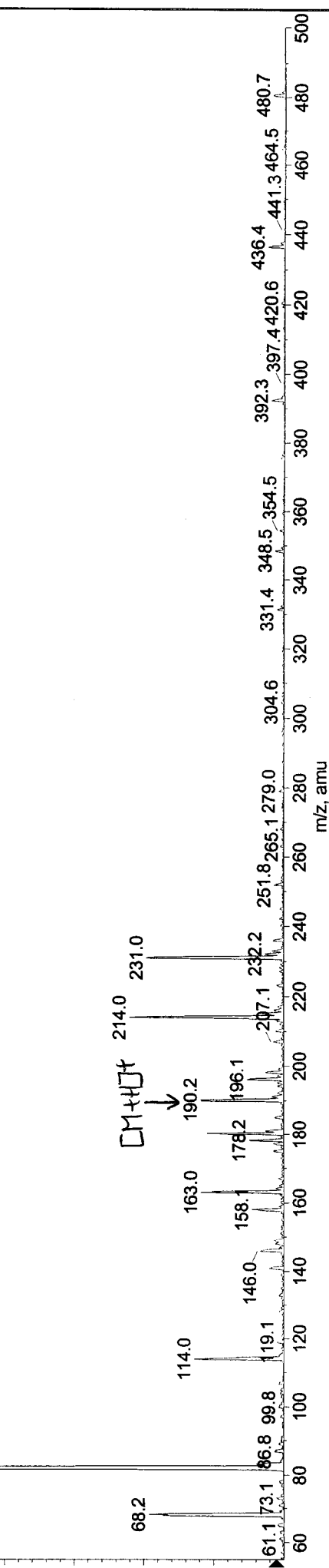


+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050125140518.wiff (Turbo Spray)

Max. 5.3e7 cps

25.01.2005
EPTC Q1 scan
[M+H]⁺ 190
100 ng/ml in MeOH/H₂O 1:1 + 5mmol NH₄COOH
200 µl/min

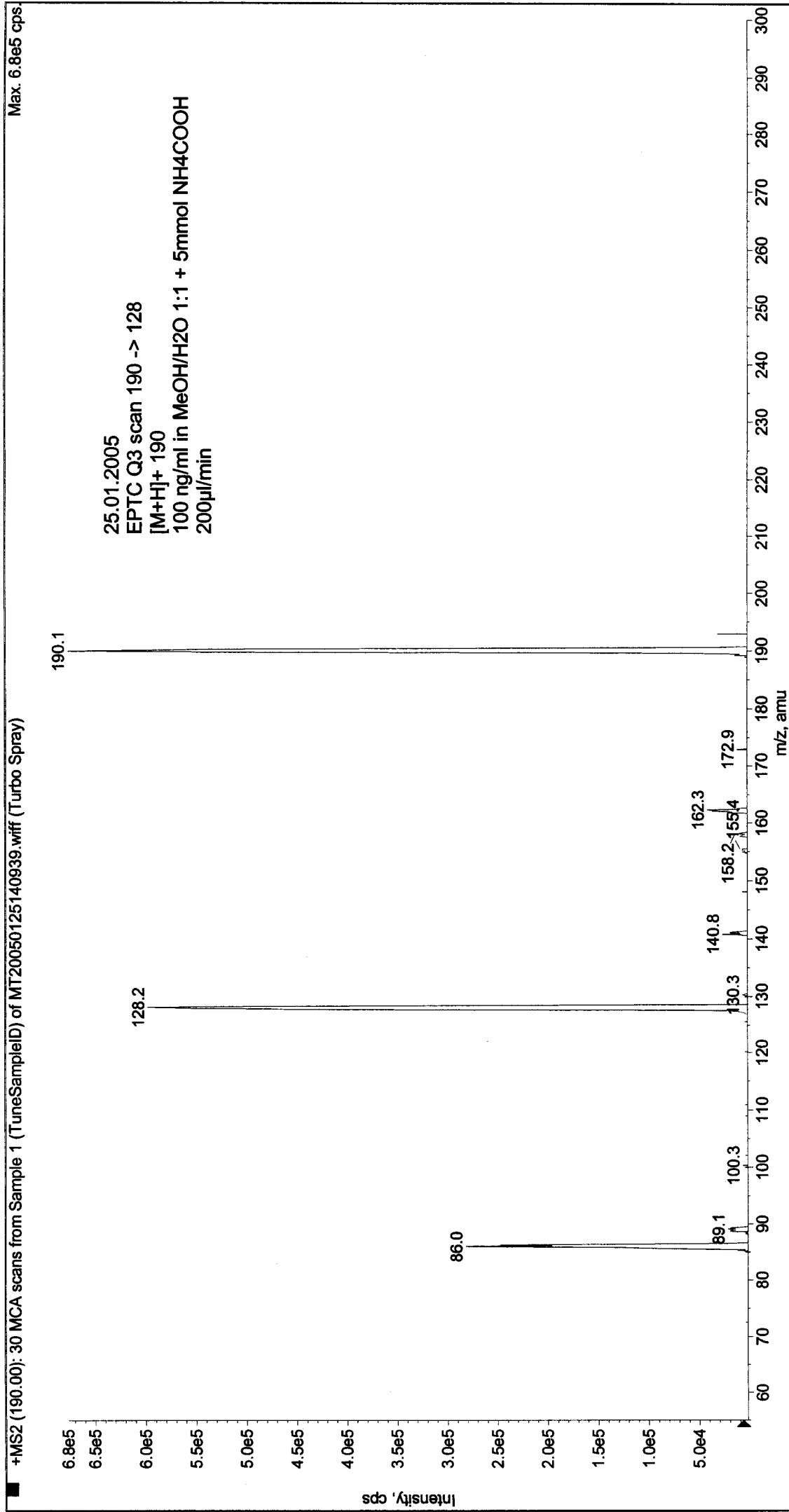
Intensity, cps



Printing Time: 14:11:49
Printing Date: Tuesday, January 25, 2005

Acq. Time: 14:09
Acq. Date: Tuesday, January 25, 2005
Acq. File: MT20050125140939.wiff

Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat



Printing Time: 14:13:48

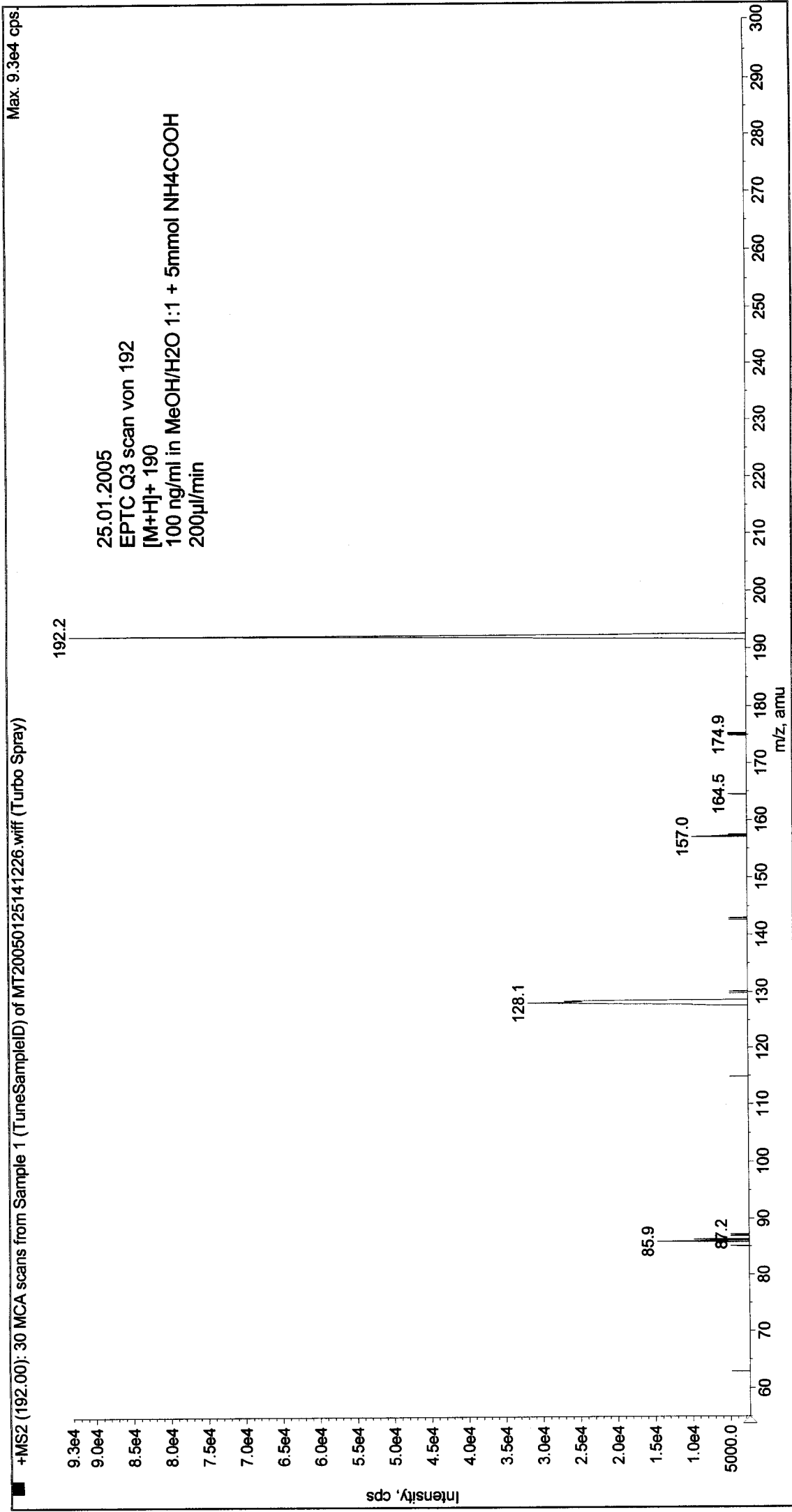
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Acq. Time: 14:12

Acq. Date: Tuesday, January 25, 2005

Acq. File: MT20050125141226.wiff

Sample Comment:
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Batch Name: ManualTune.bat



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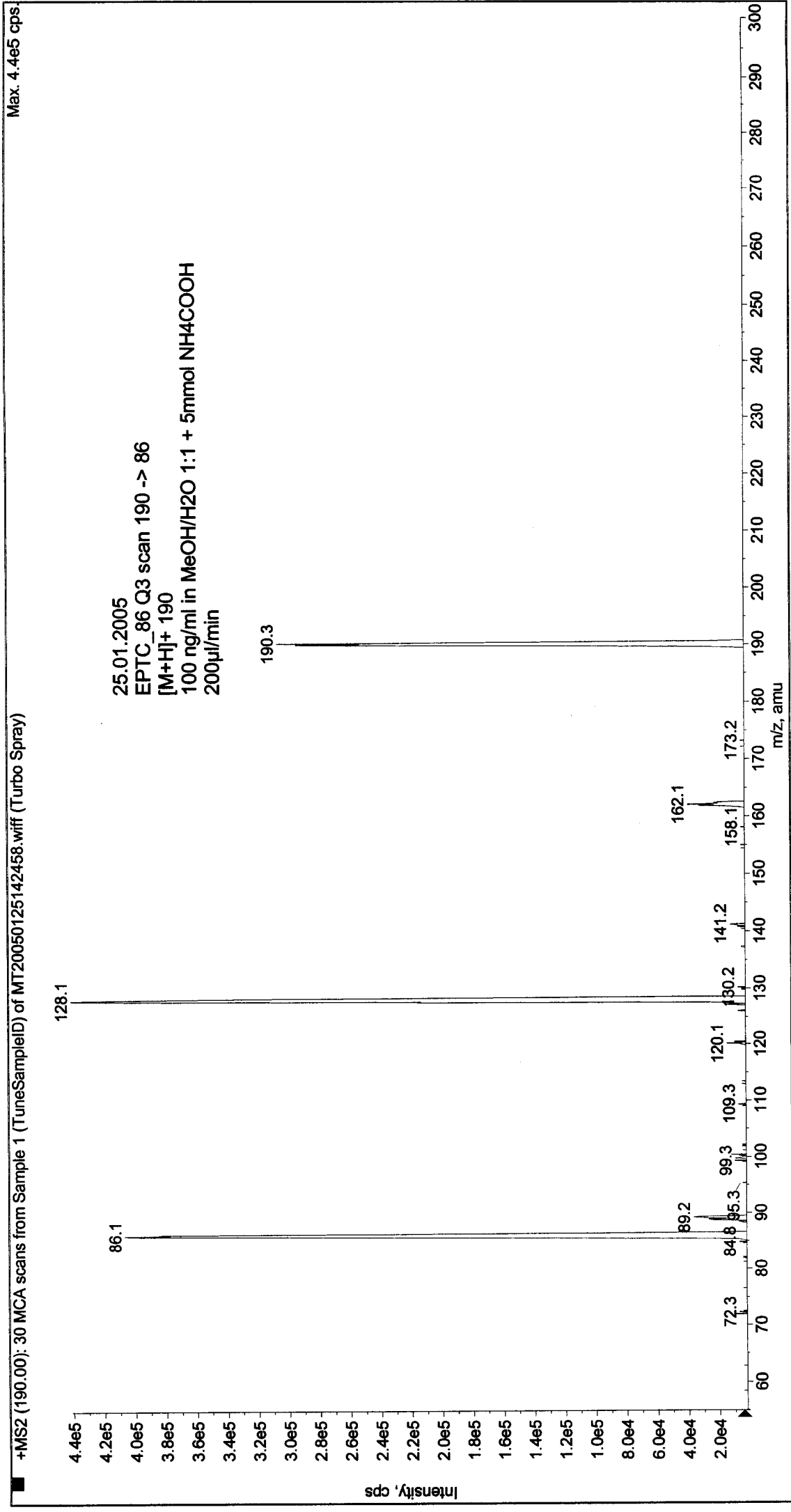
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Acq. File: MT20050125142458.wiff

Sample Comment:
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Batch Name: ManualTune.bat



Printing Time: 14:28:14
Printing Date: Tuesday, January 25, 2005

Acq. Time: 14:26
Acq. Date: Tuesday, January 25, 2005
Acq. File: MT20050125142657.wiff

Sample Comment:
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Batch Name: ManualTune.bat

